

Nomenclature List

- 10** rotor assembly
- 12** casing
- 12'** casing (cover portion)
- 14** vane
- 16, 18** pair of rotor assemblies
- 20** casing
- 20'** casing (cover portion)
- 22** intermeshing gear teeth
- 24** resilient seal
- 26** resilient vane-slot seal
- 28** vane-receiving slots
- 30** upper and lower seal elements
- 32** additional sealing elements
- 34** guide track implemented as a channel
- 36** track-engaging features implemented as a slider block
- 50** substantially rigid contact element
- 52** elastomeric material mounting
- 54** integral hinge
- 56** sealing edge
- 60** floating seal plate
- 62** elastomeric O-ring

FIG. 1 (PRIOR ART)

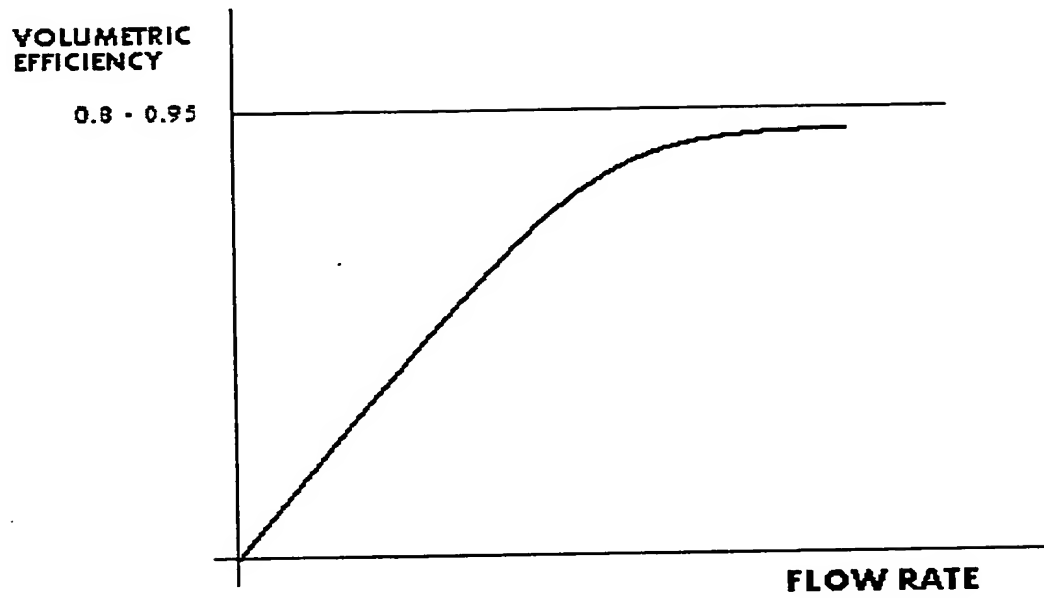


FIG. 2

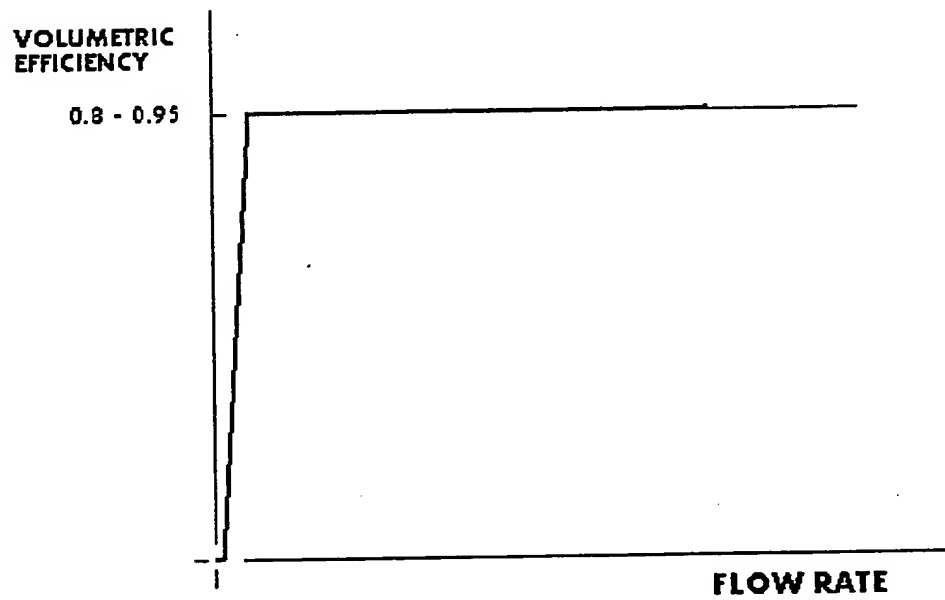


FIG. 3A

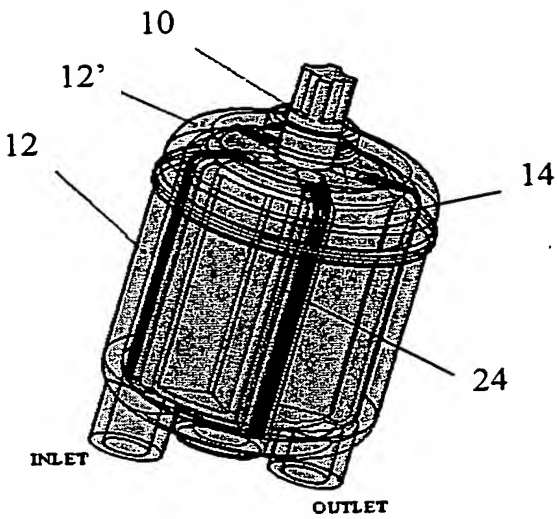


FIG. 3B

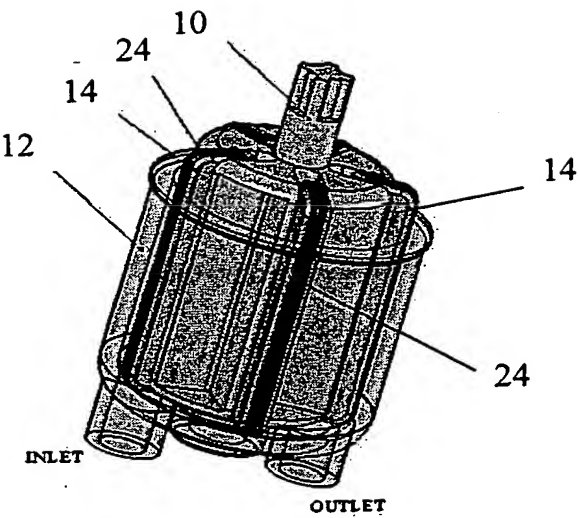


FIG. 3C

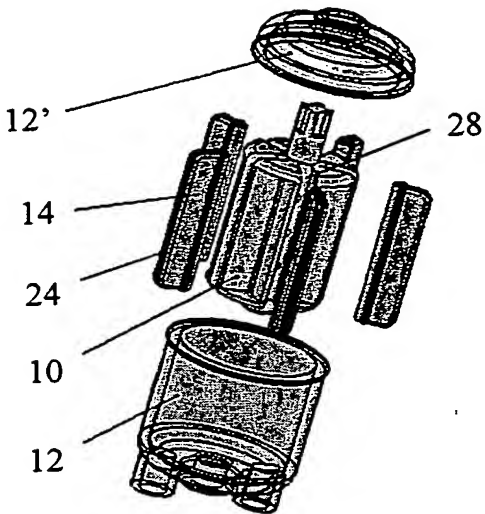


FIG. 3D

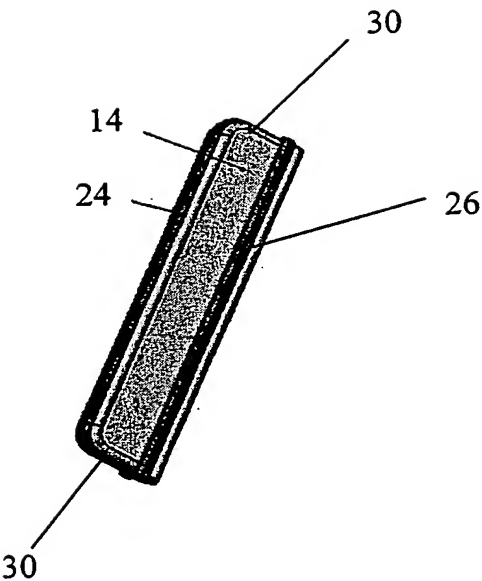


FIG. 4A

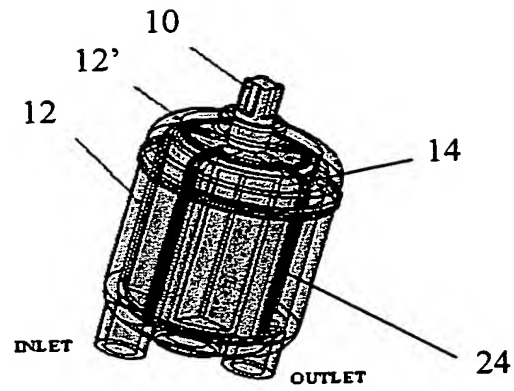


FIG. 4B

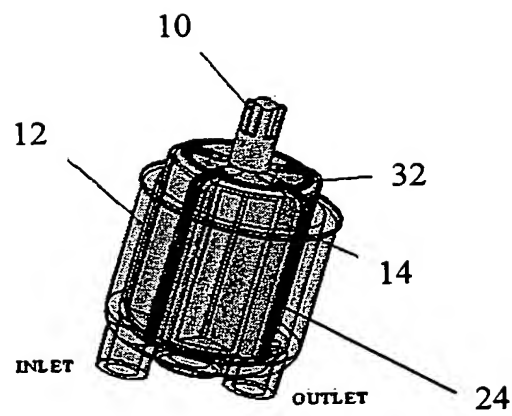


FIG. 4C

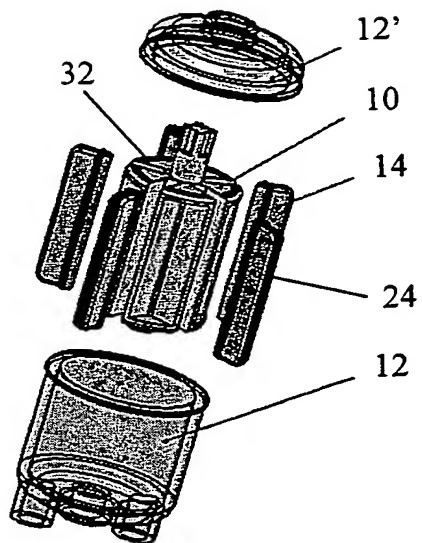


FIG. 4D

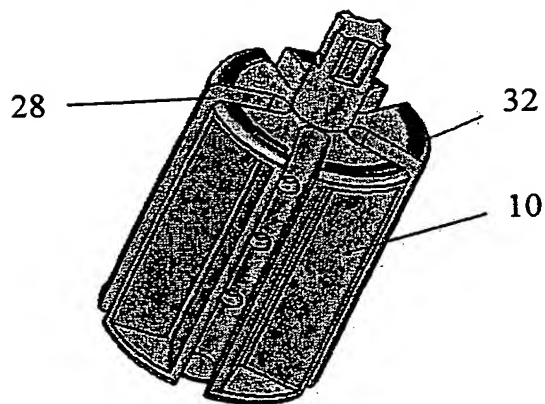


FIG. 5A

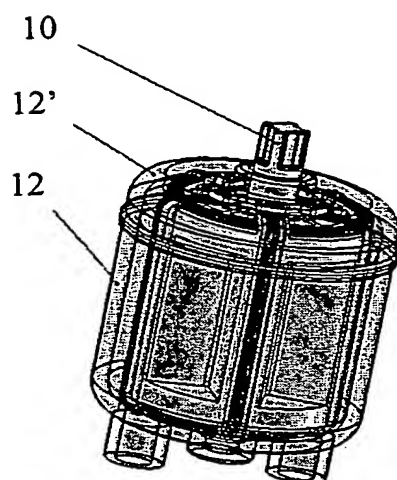


FIG. 5B

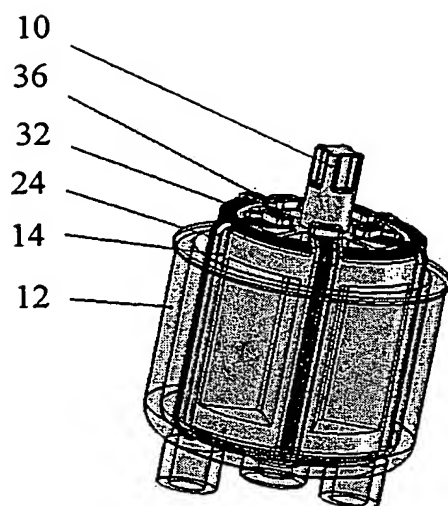


FIG. 5C

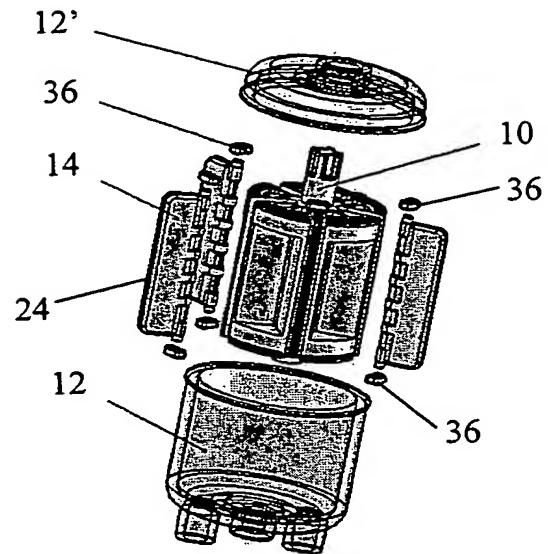


FIG. 5D

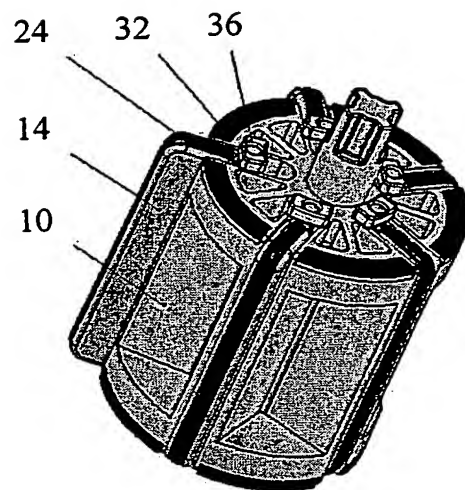


FIG. 5E

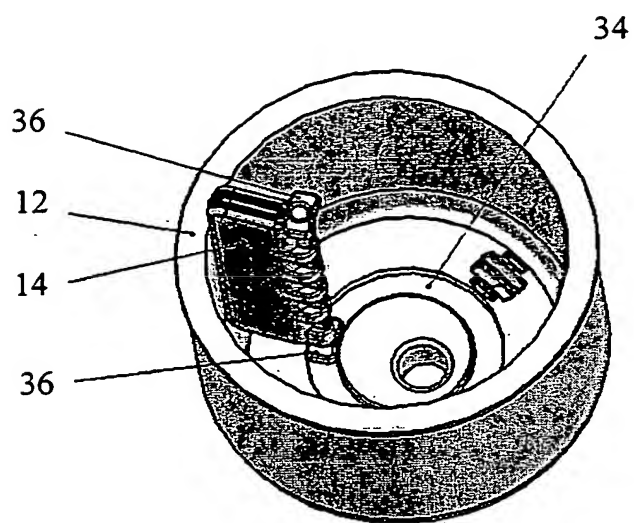


FIG. 6A

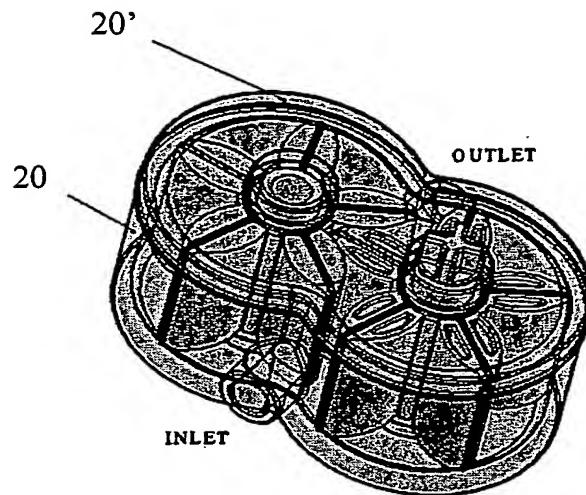


FIG. 6B

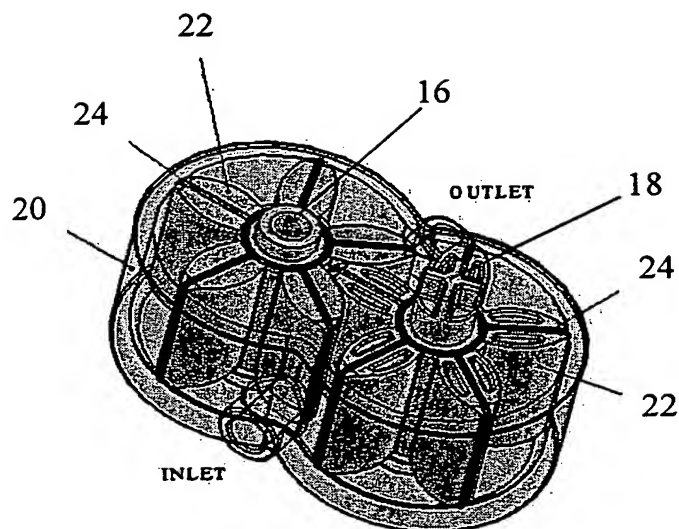


FIG. 6C

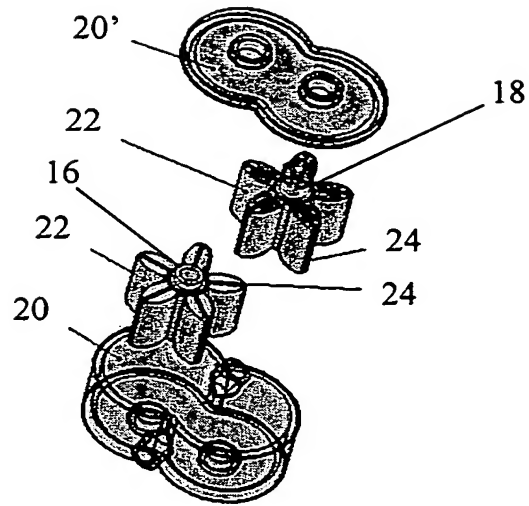


FIG. 6D

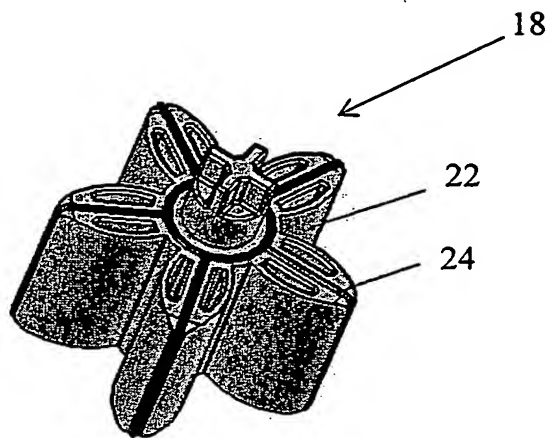


FIG. 7

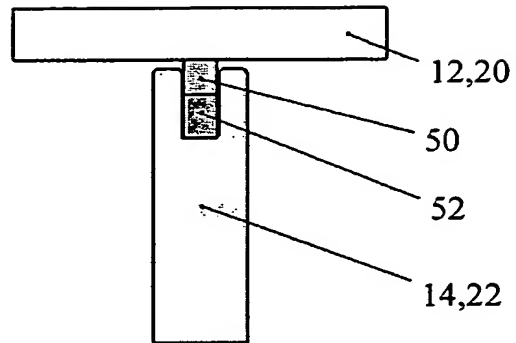


FIG. 8

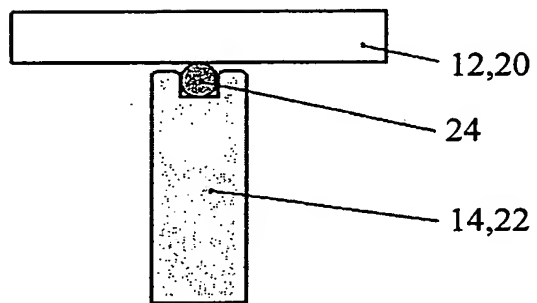


FIG. 9

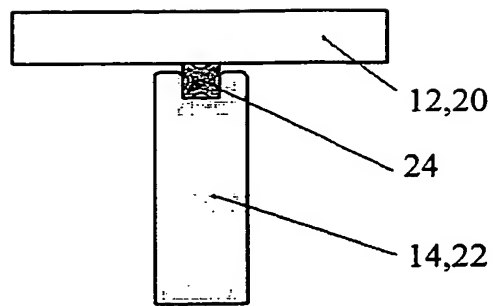


FIG. 10

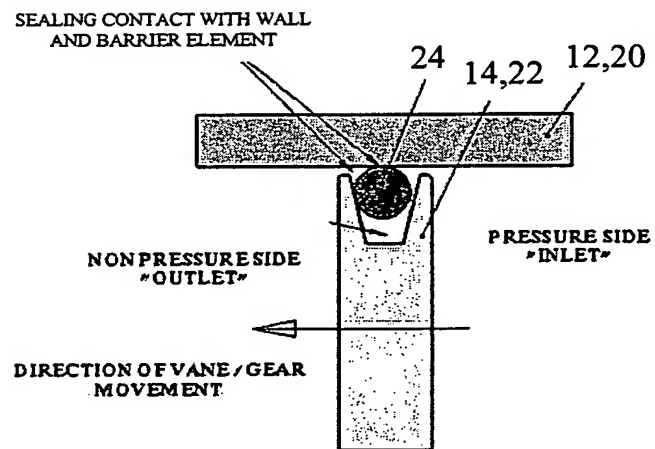


FIG. 11

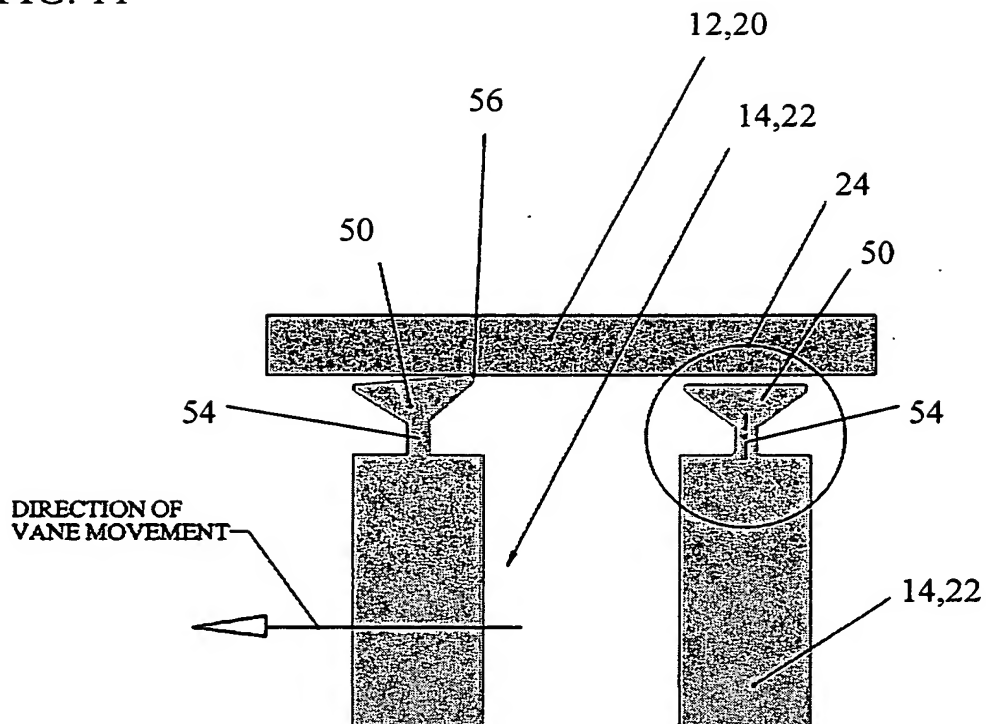


FIG. 12

